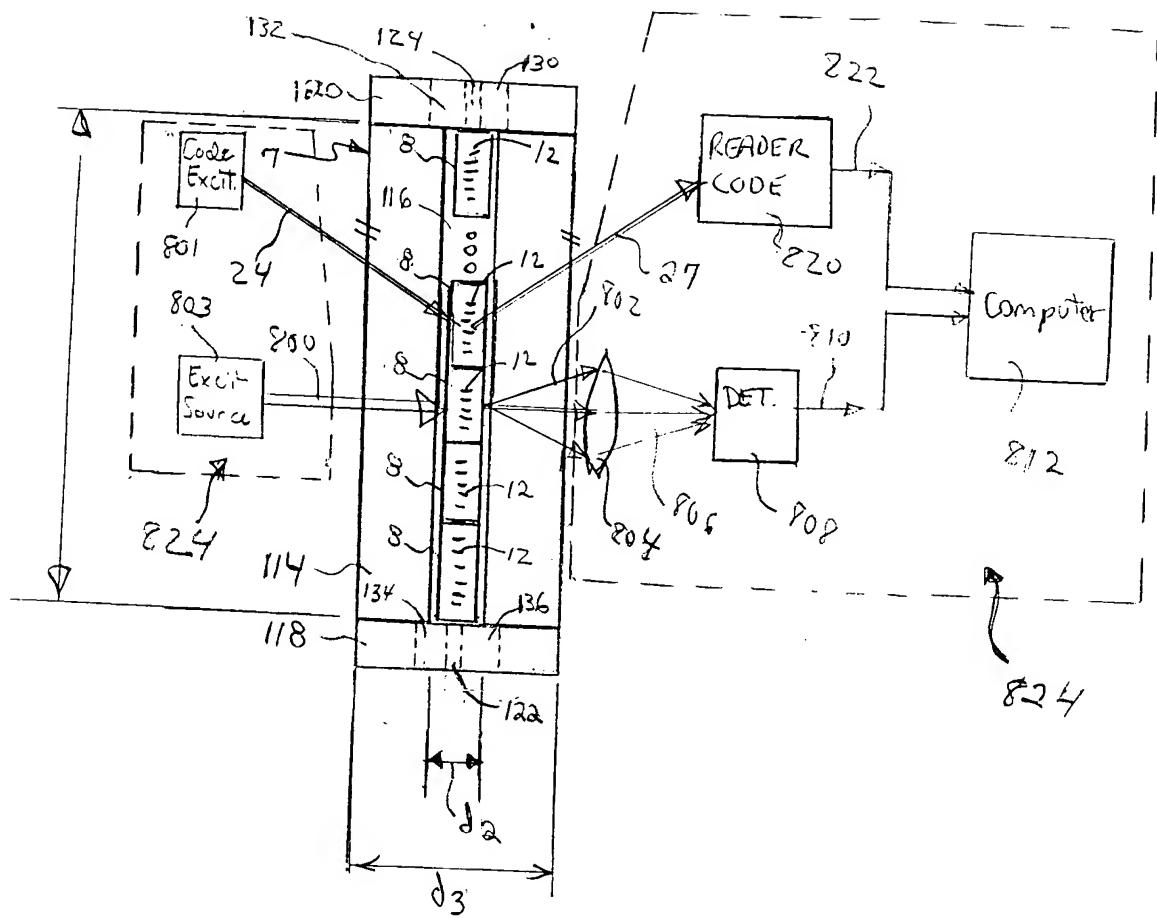


CC-0651

Fig. 1



CC-0651

Fig. 3

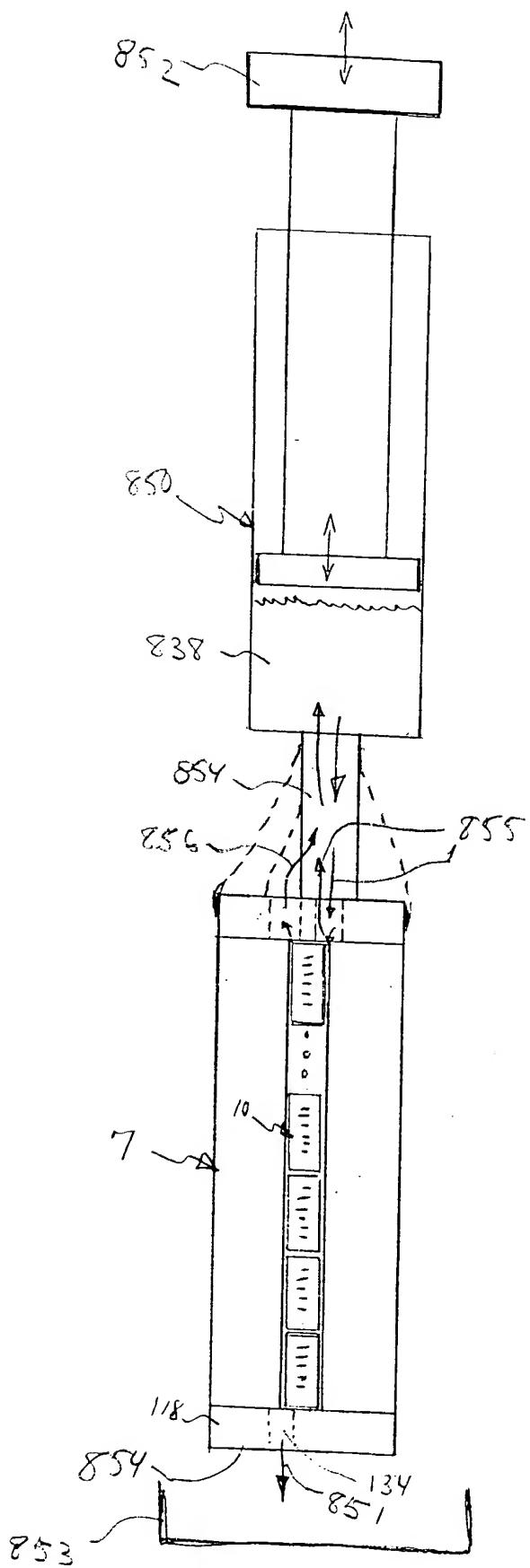
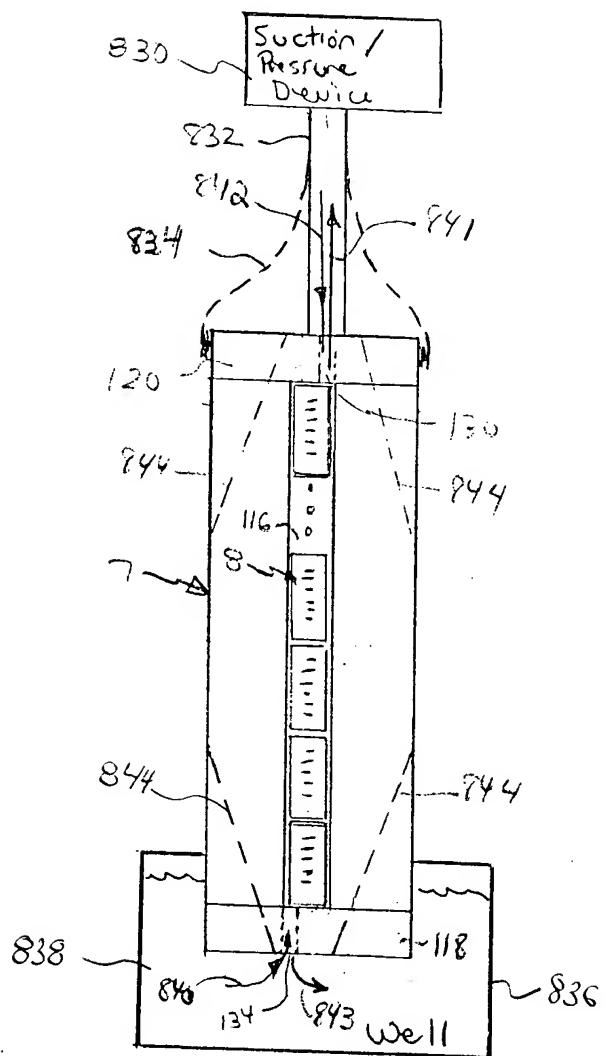
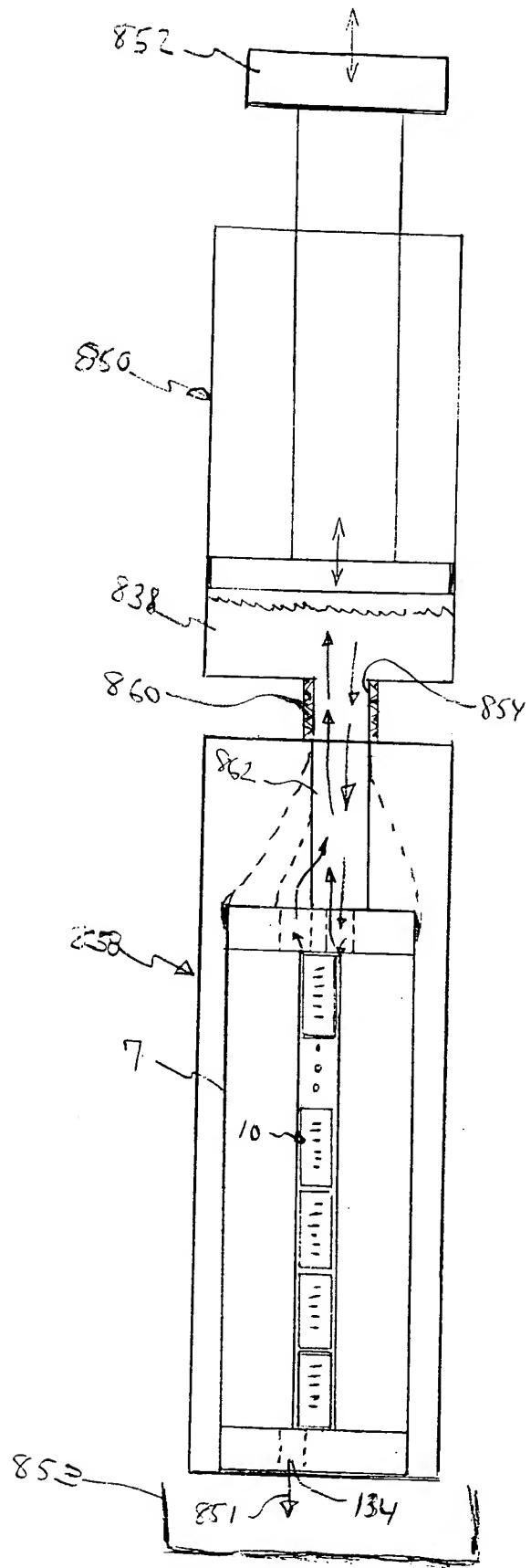


Fig. 2



CC-0651

Fig. 4



CC-0651

Fig. 5

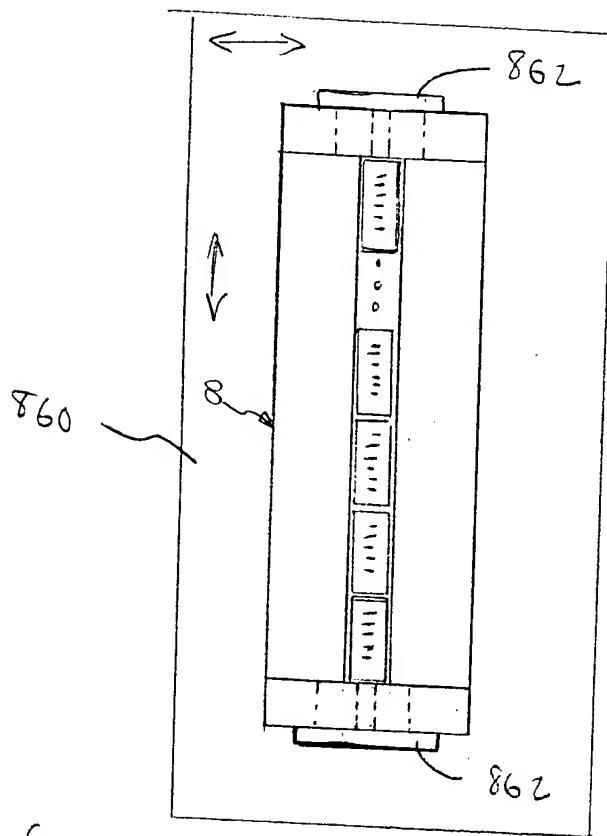


Fig. 6

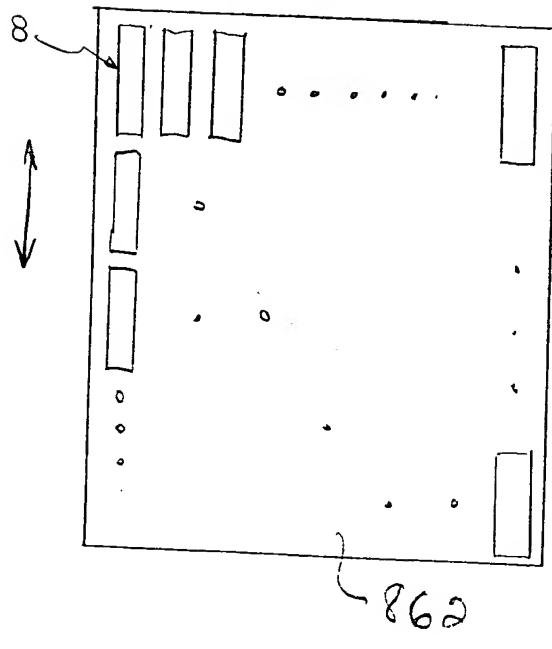
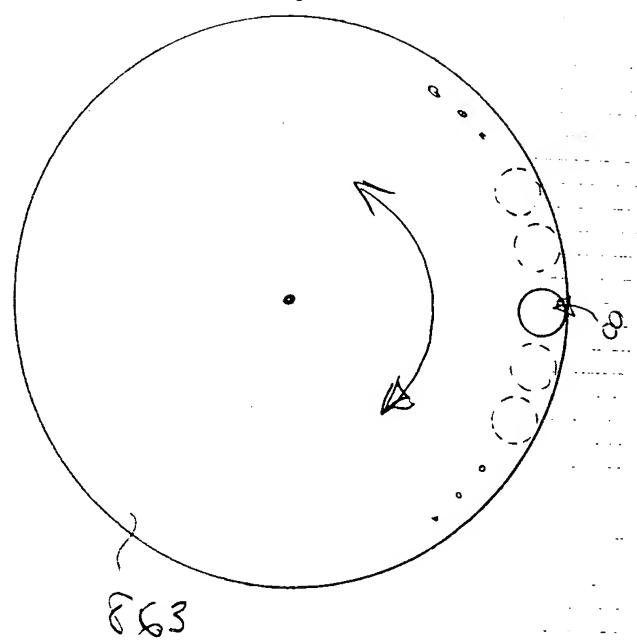


Fig. 7



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Fig. 8

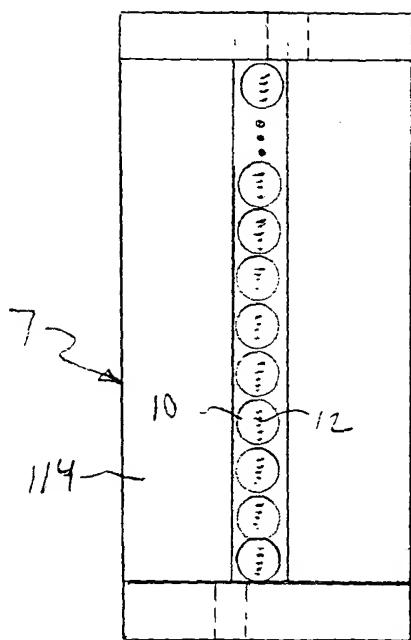


Fig. 9

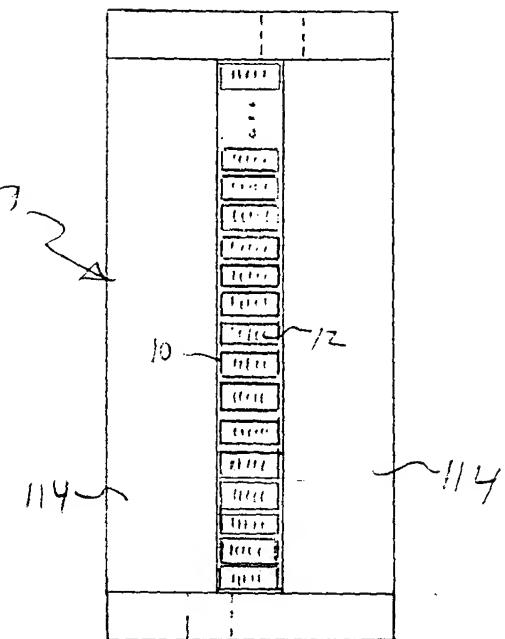


Fig. 10

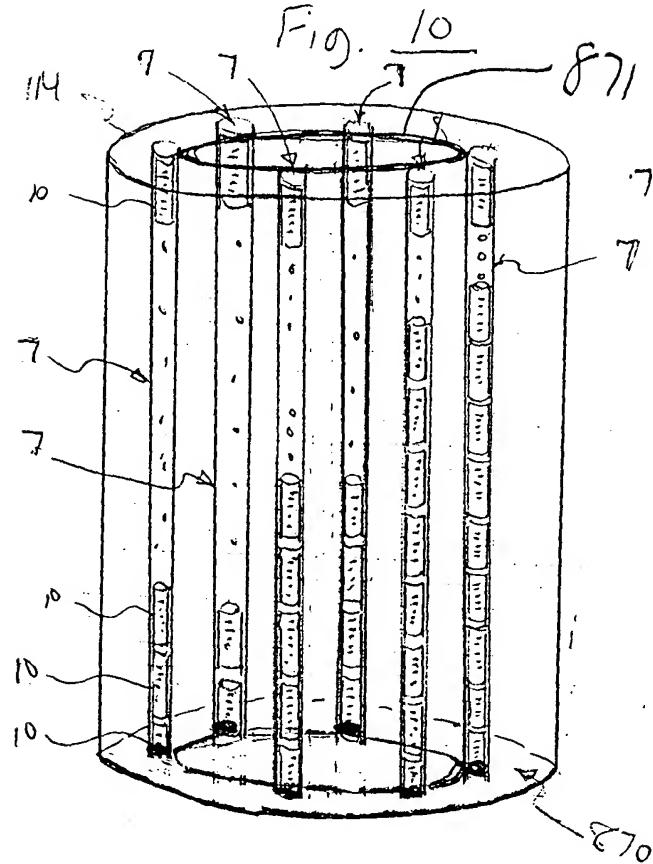
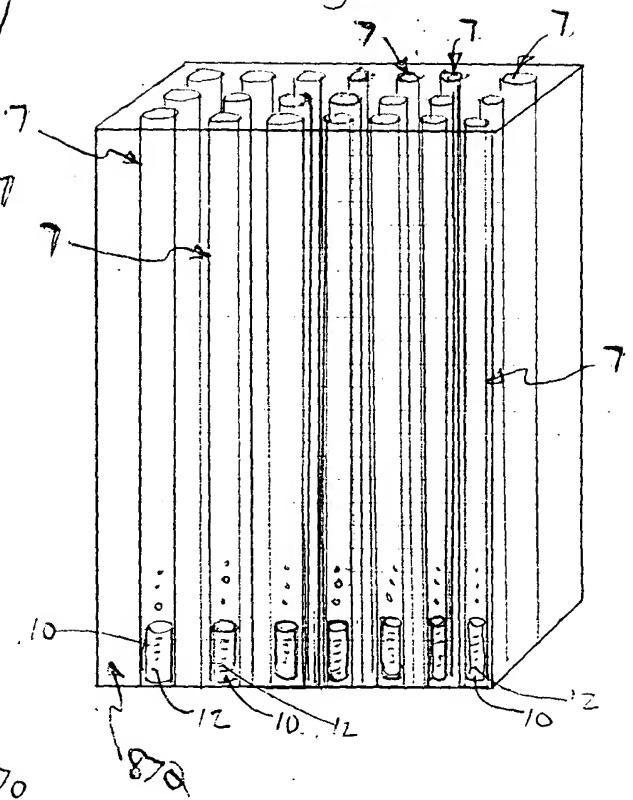
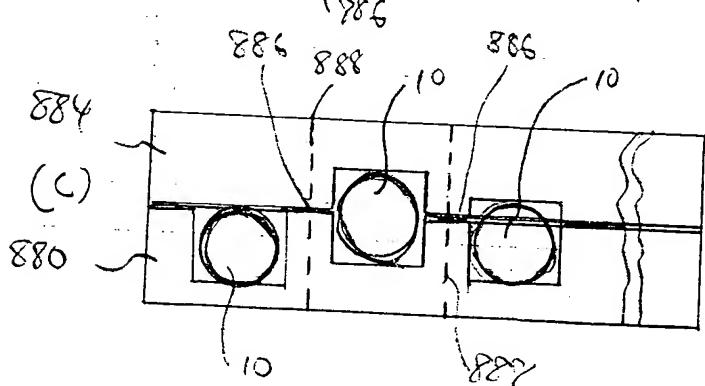
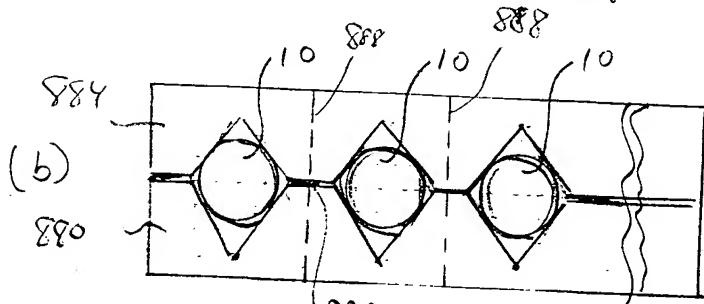
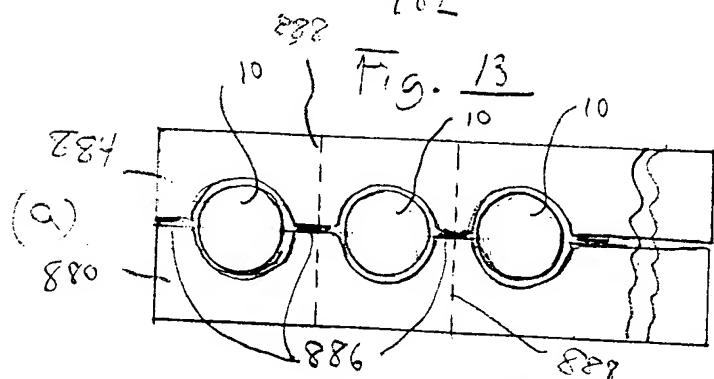
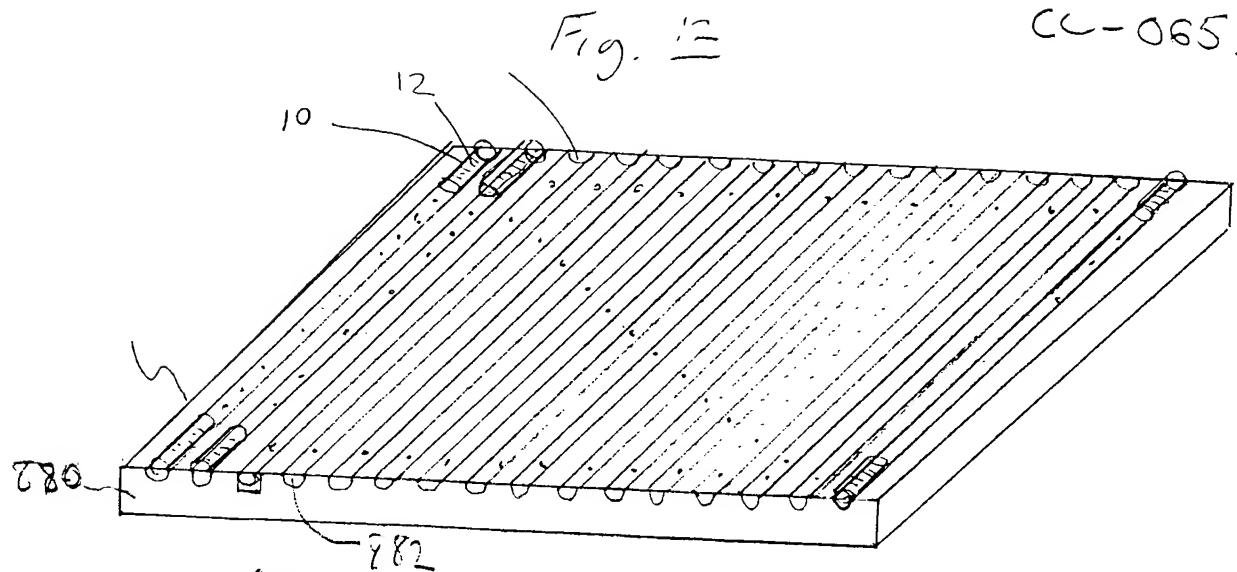


Fig. 11



CC-0651



-CC-068 1

Fig. 14

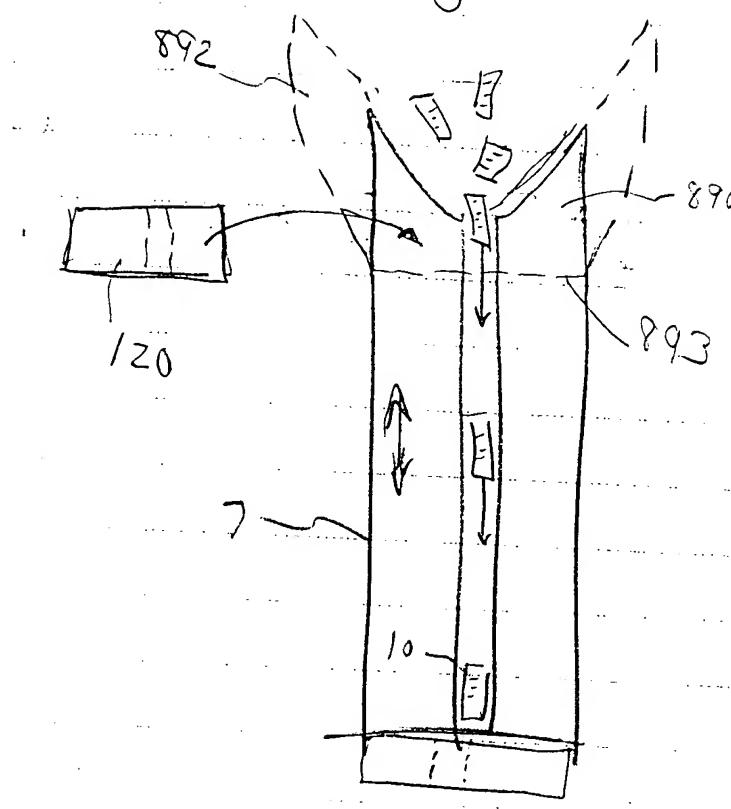


Fig. 15

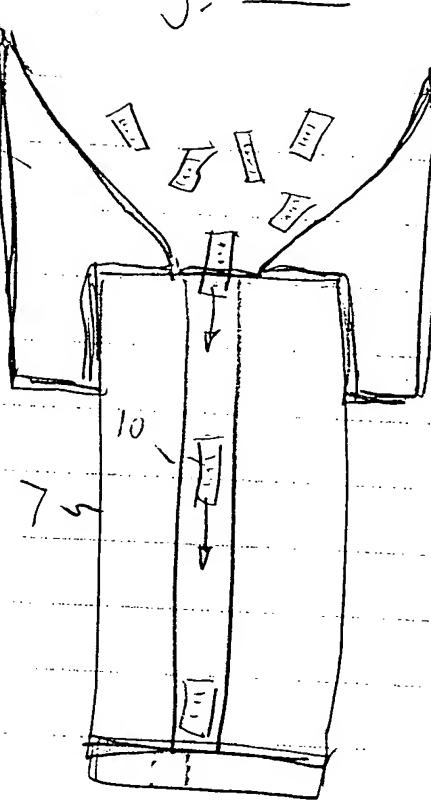


Fig. 16

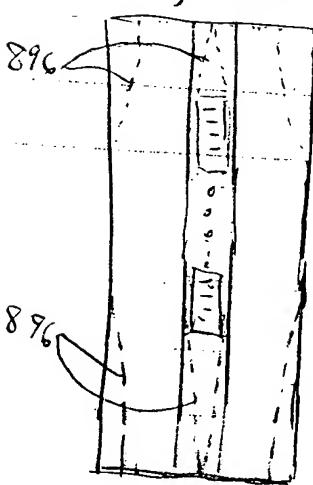


Fig. 17

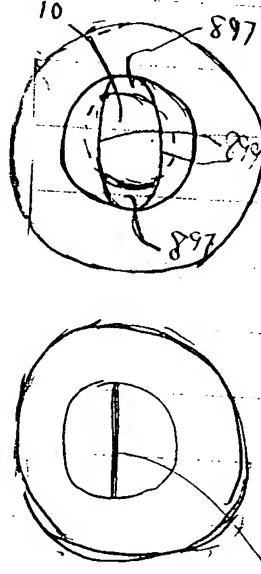


Fig. 19

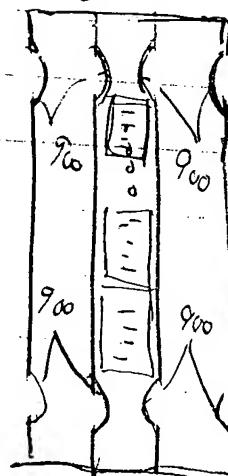


Fig. 20

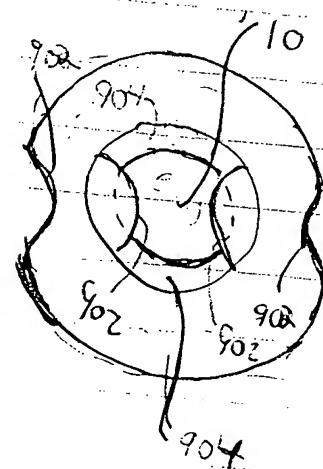
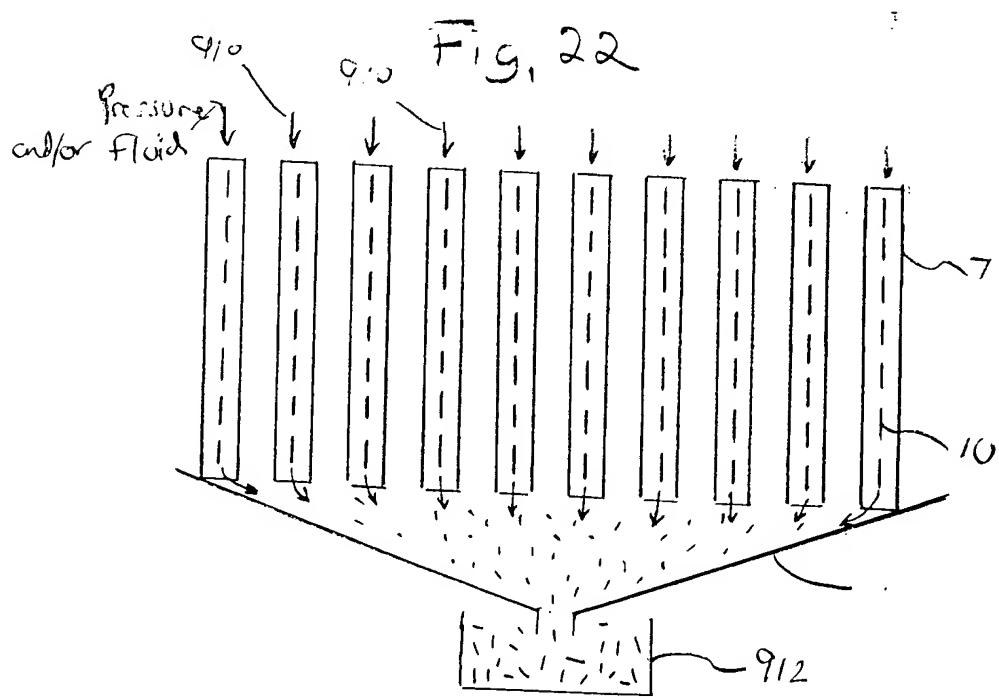
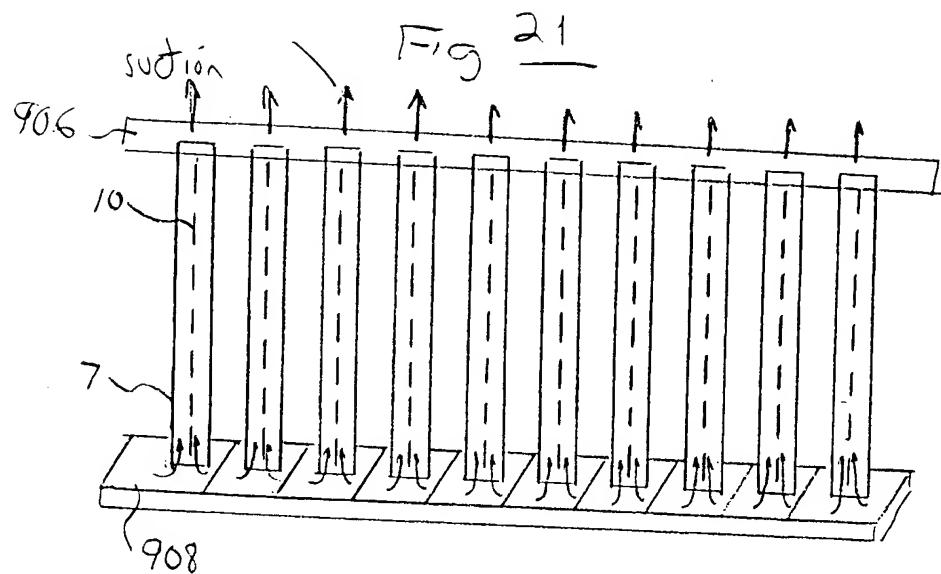
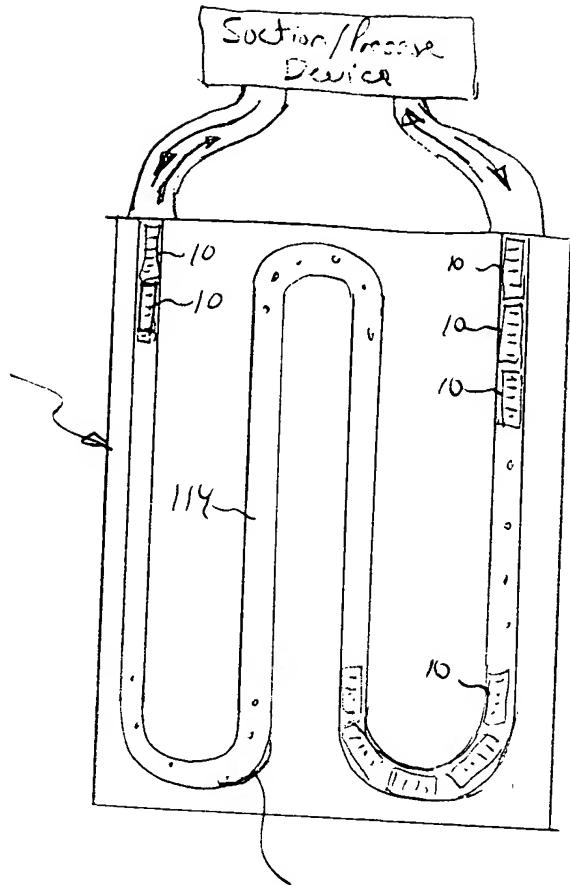


Fig. 18 · 898





CC-0651

Fig 23

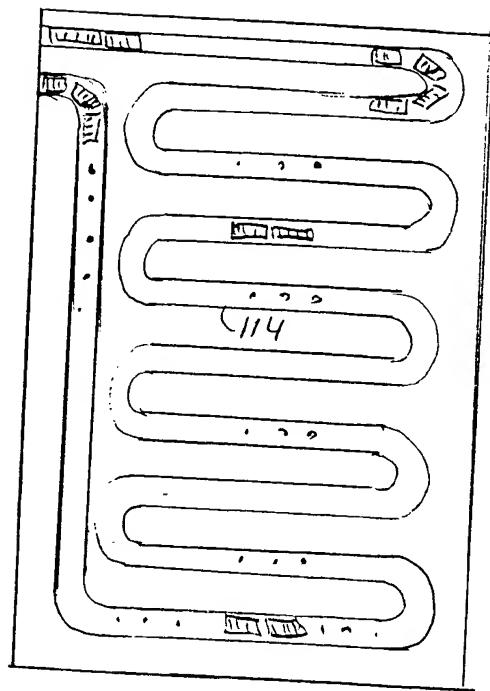


Fig. 24

CC-0651

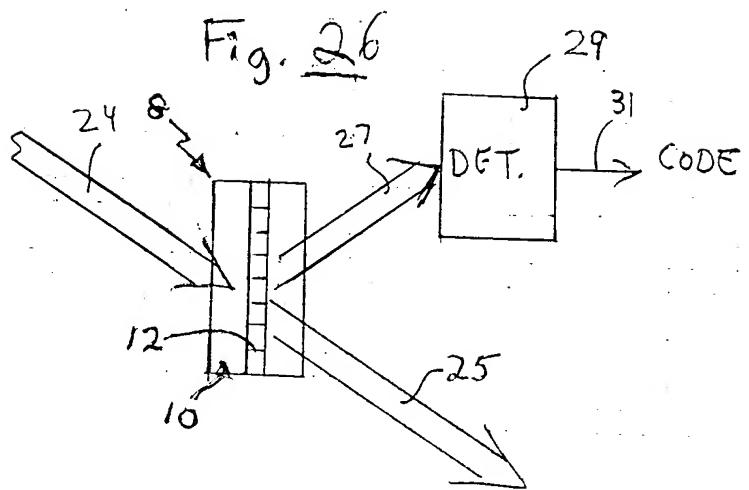
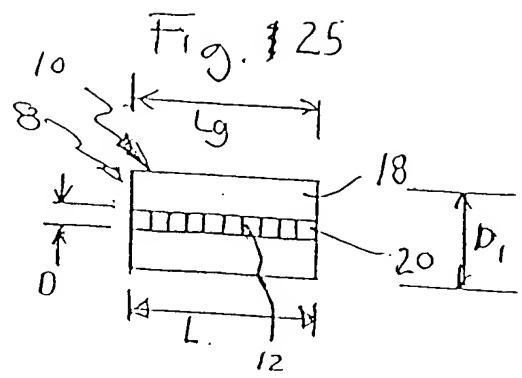


Fig. 27

CC-0651

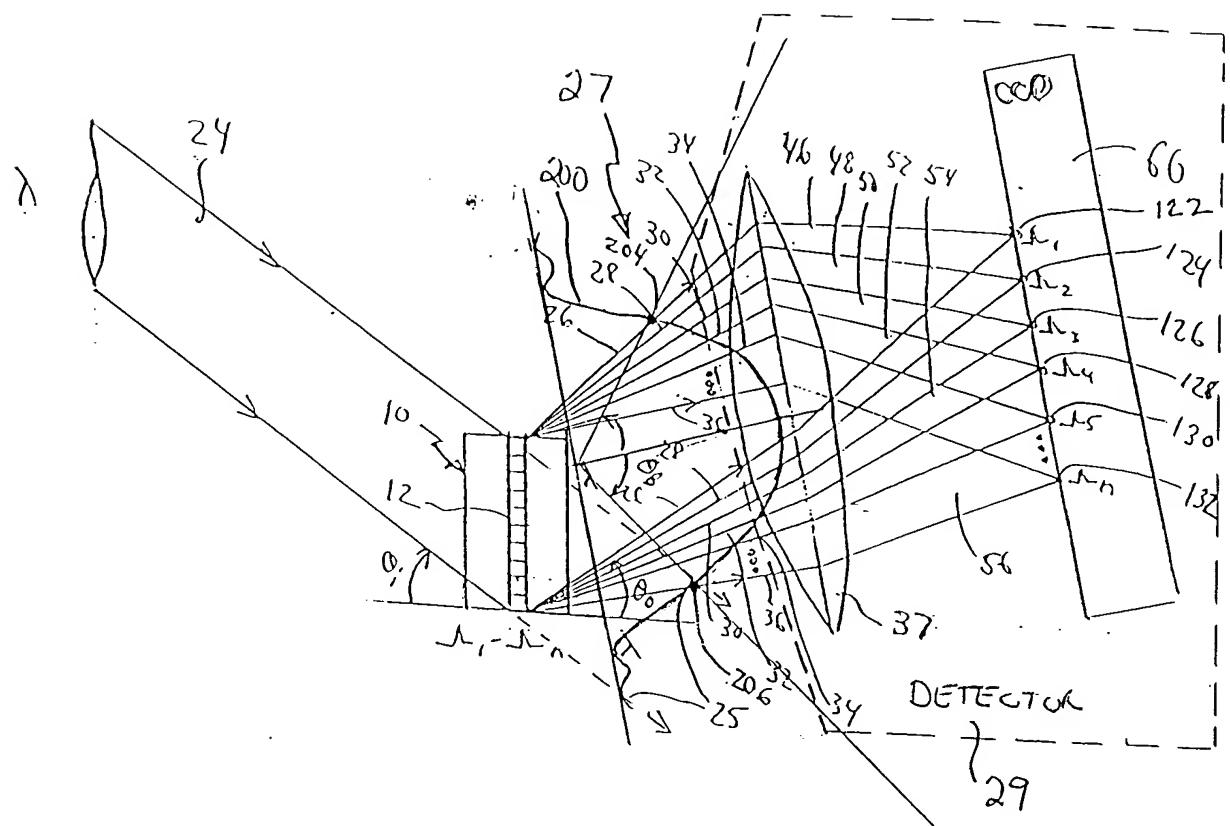
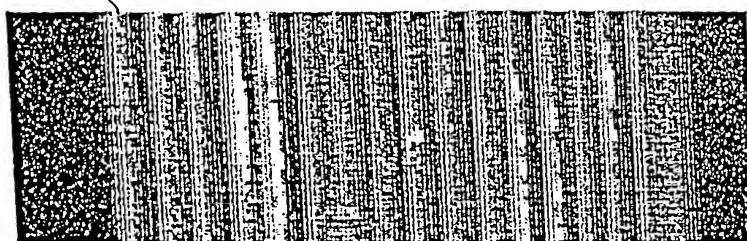


Fig. 30

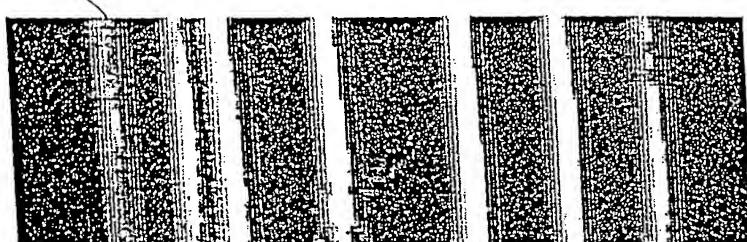
CC-0651

89 17 bits turned on



Bits: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(a)

89 7 bits turned on



Bits: 1 0 1 1 0 0 1 0 0 0 1 0 0 1 0 0 1
(b)

89 9 bits turned on



Bits: 1 1 0 0 0 1 0 1 0 1 0 1 0 0 1 1 1

(c)

Fig. 31

CC-0651

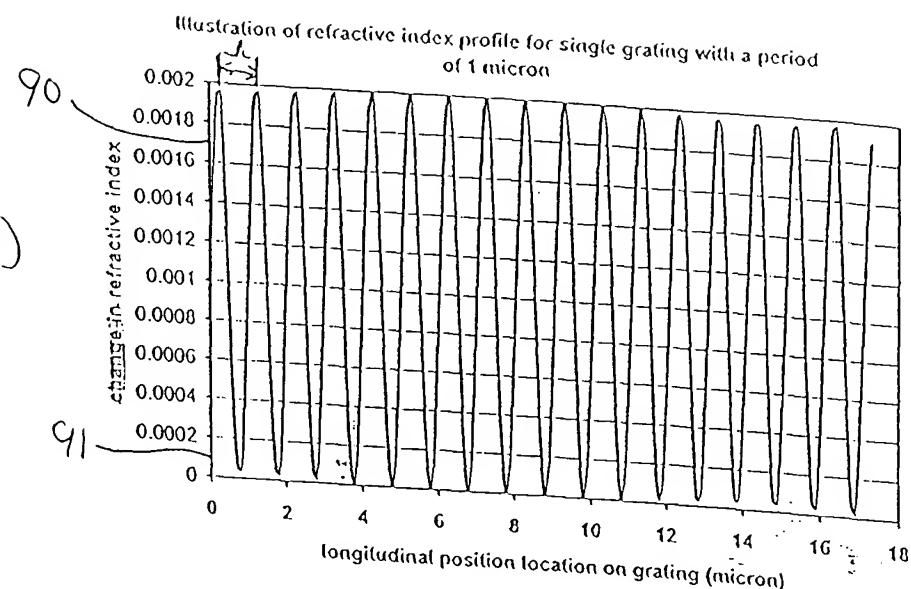


Illustration of refractive index profile for 3 colocated gratings whose period vary by 3%

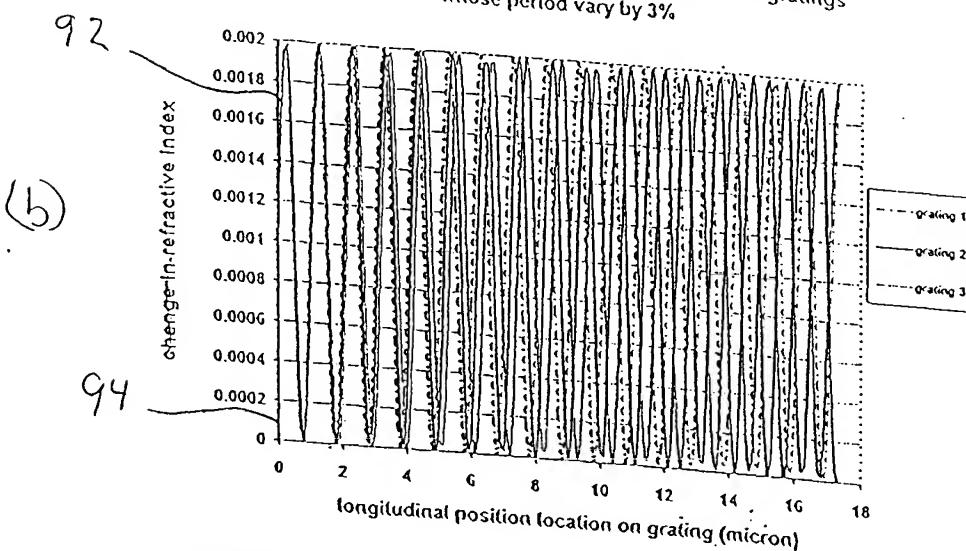


Illustration of refractive index profile for 3 colocated gratings whose period vary by 0.3%

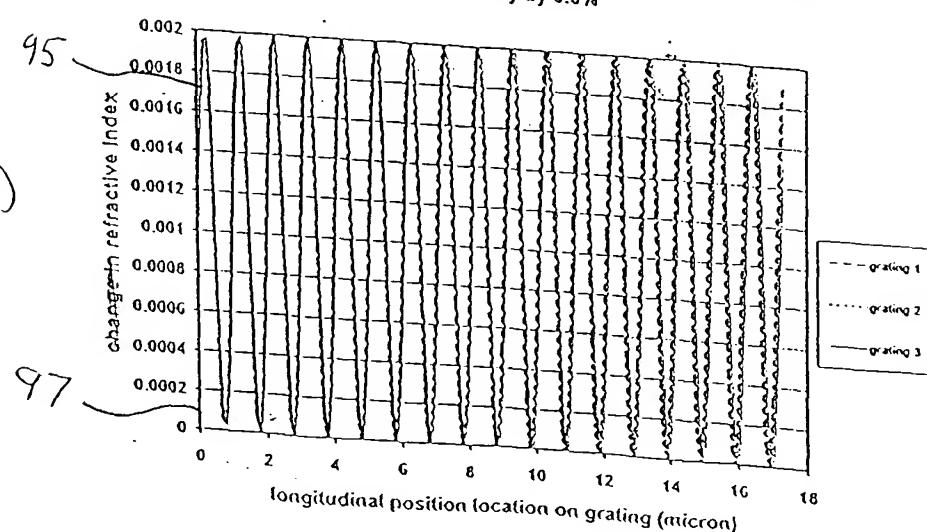


Fig. 31

CC-0651

(d)

Index modulation caused by superposition of 3 gratings where the pitch
between each grating varies by 3%.

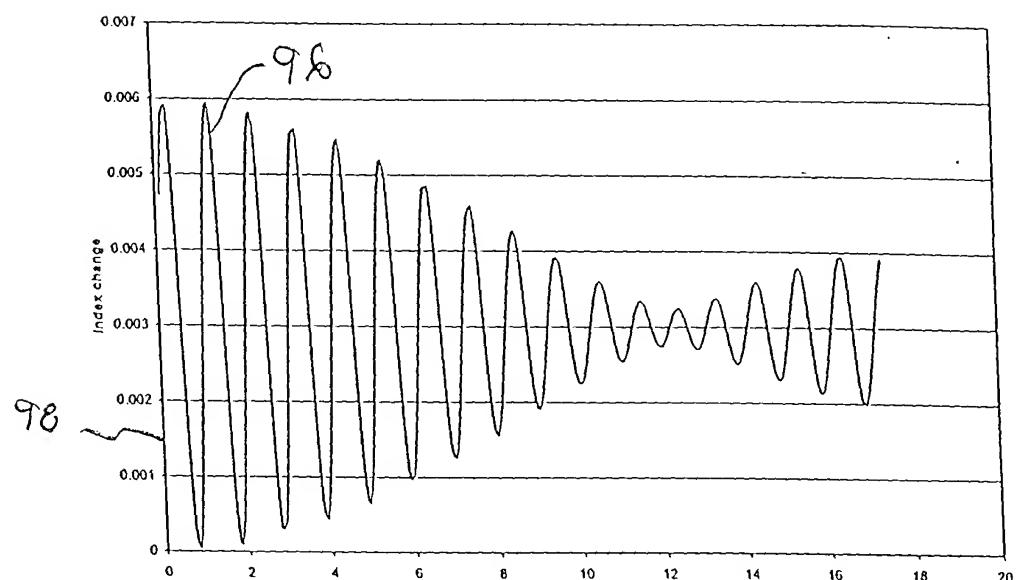


Fig. 32

CC-0651

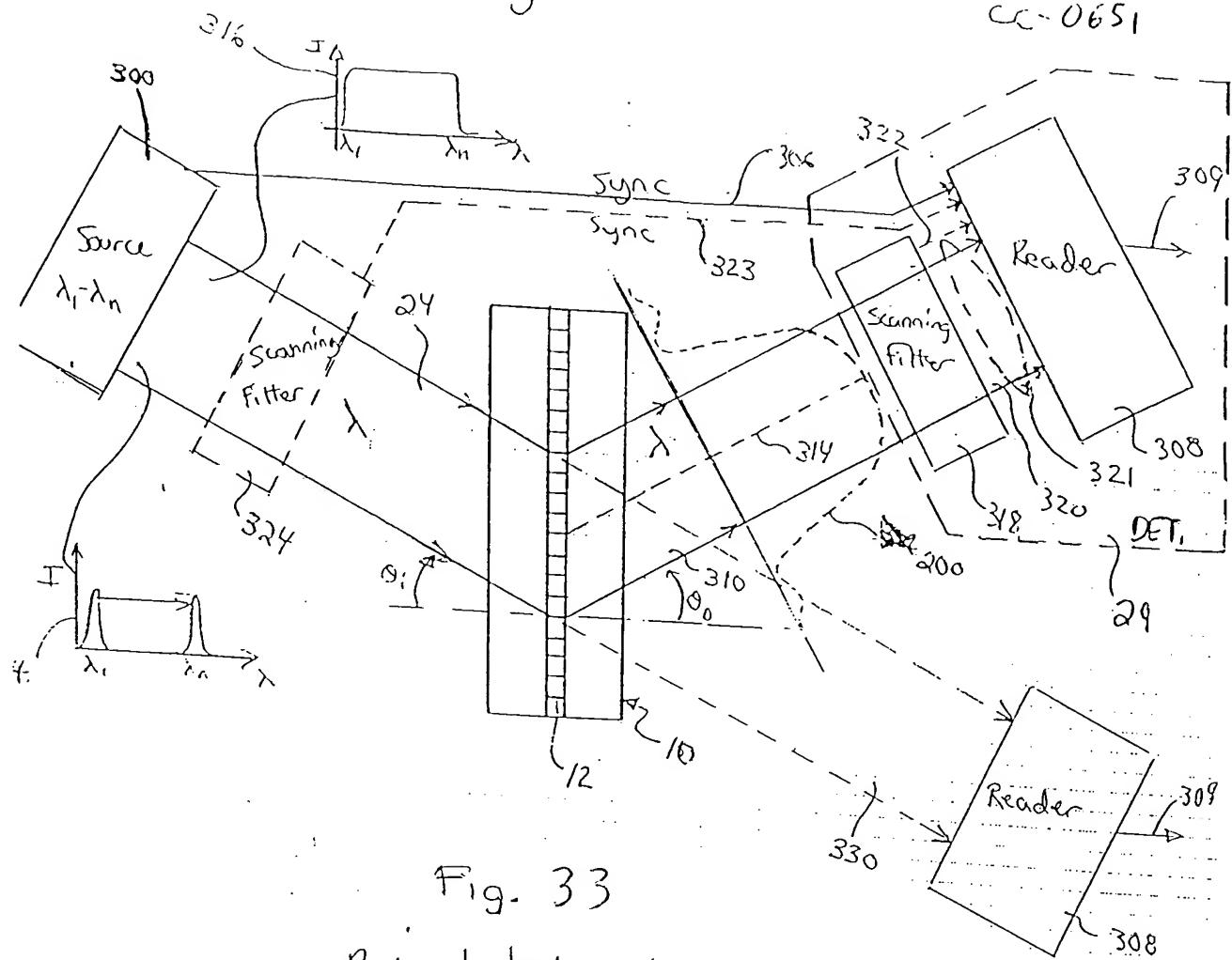


Fig. 33

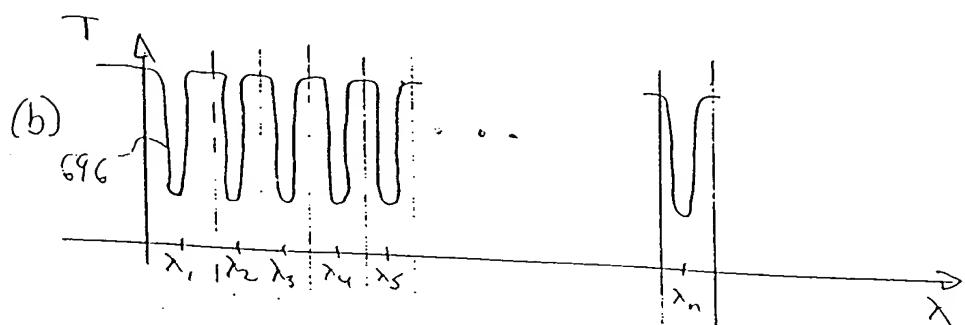
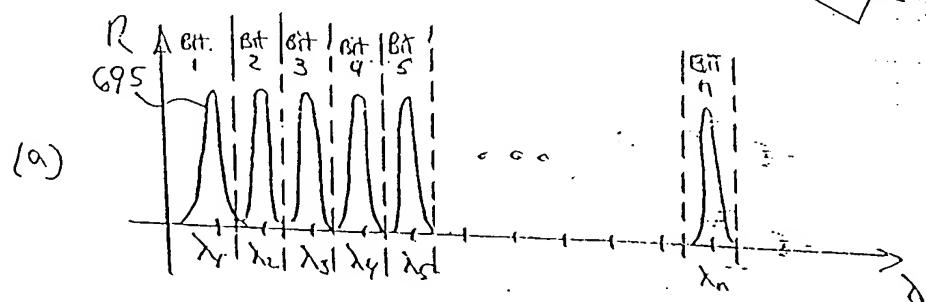
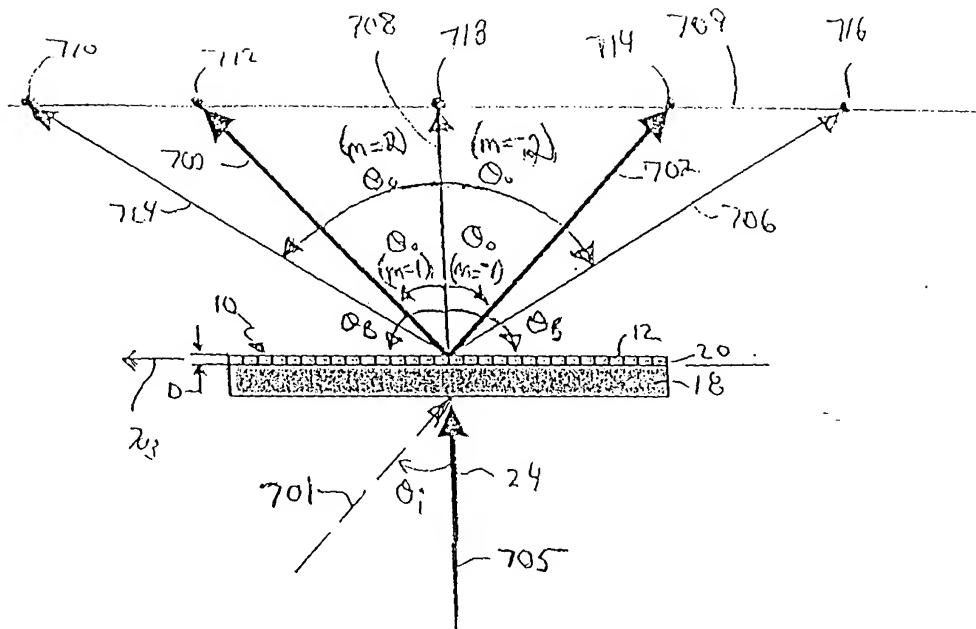
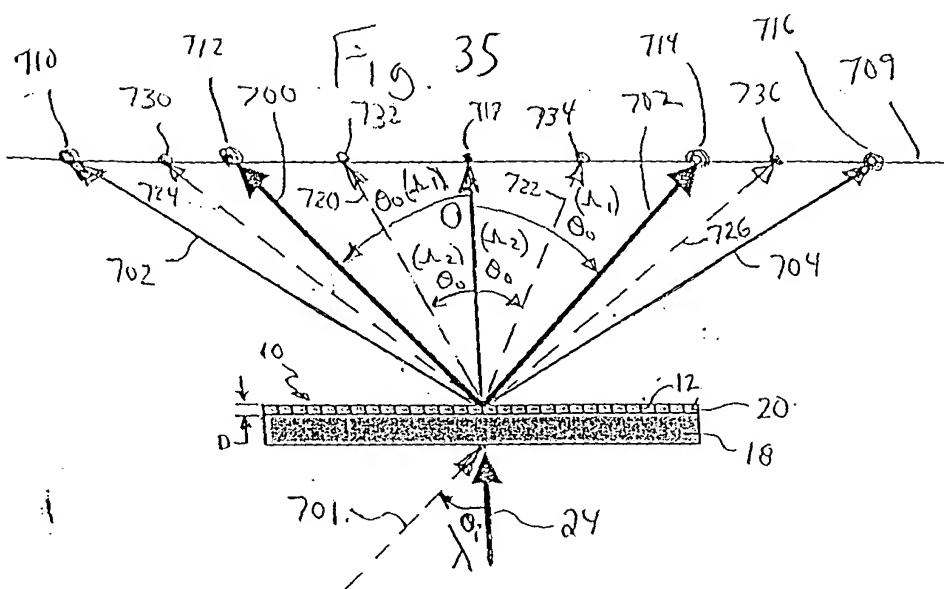


Fig. 34

CC-0651



35



CC-0651

Fig. 36

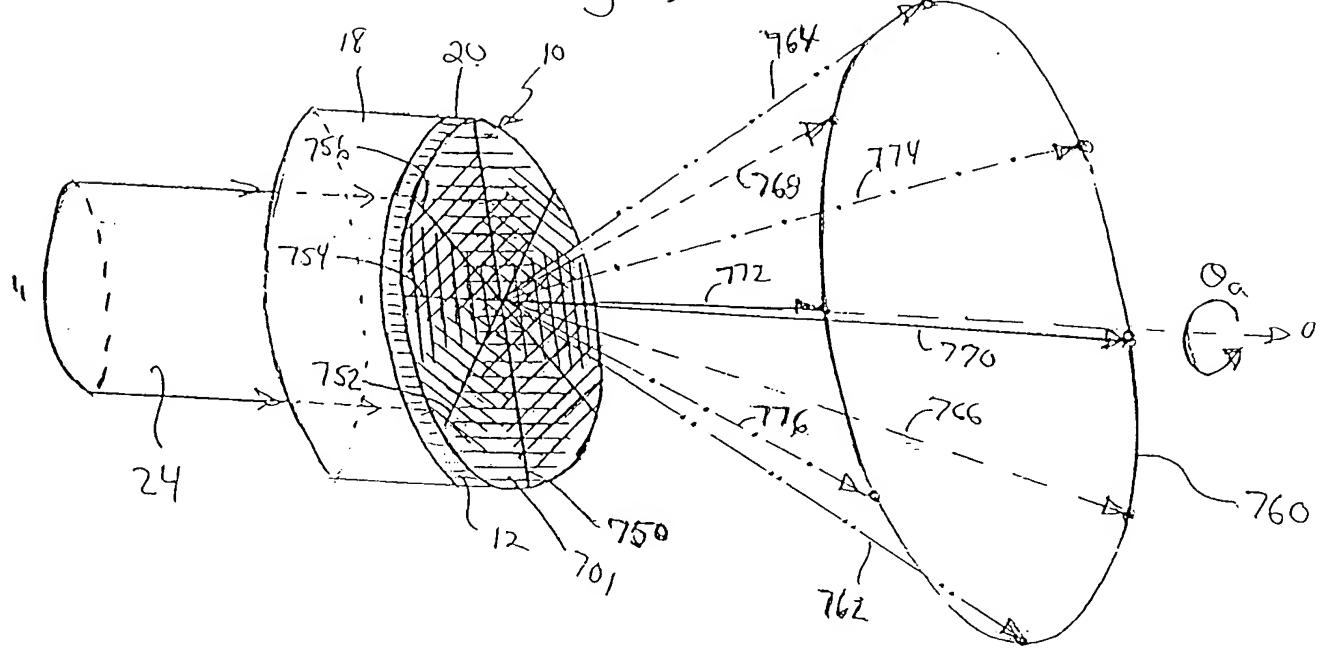
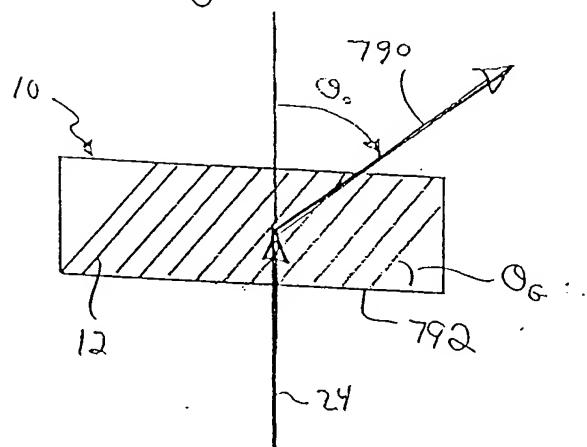


Fig. 37



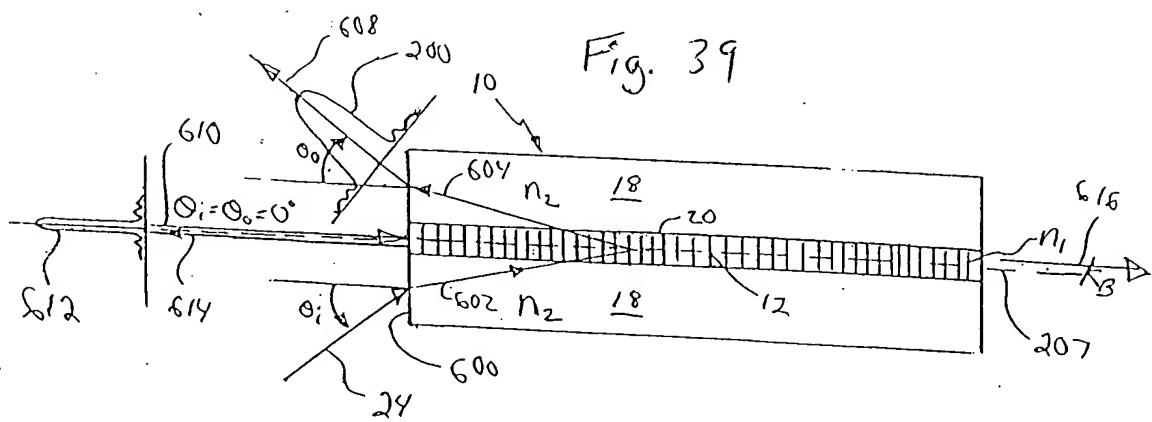
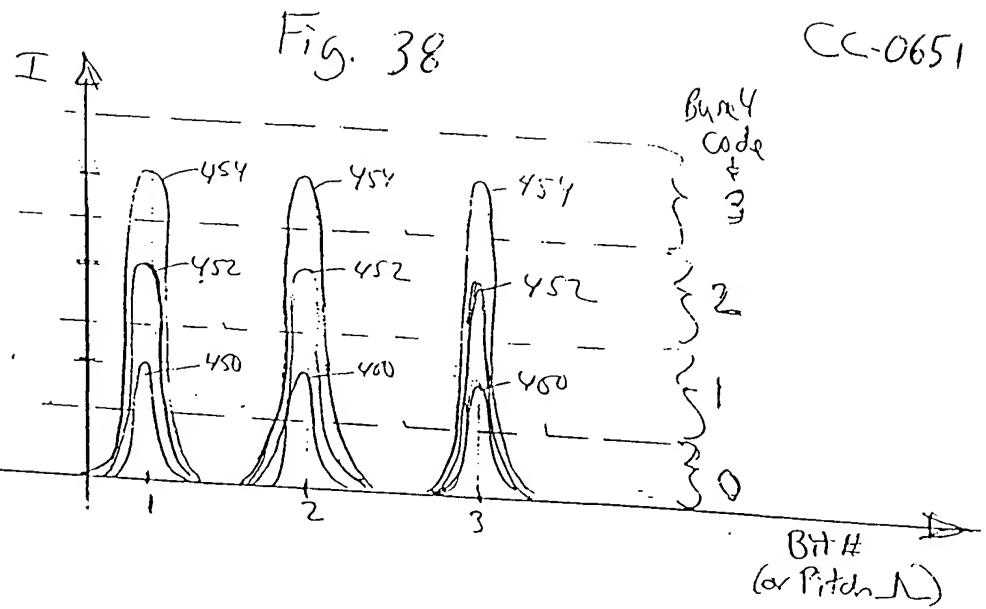


Fig. 42

CC-0651

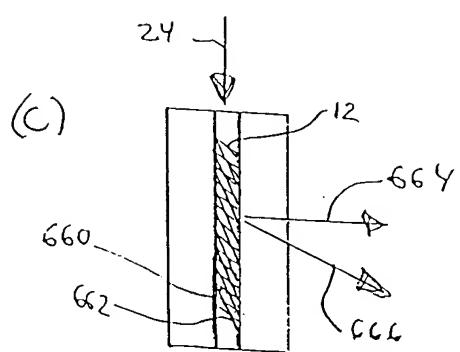
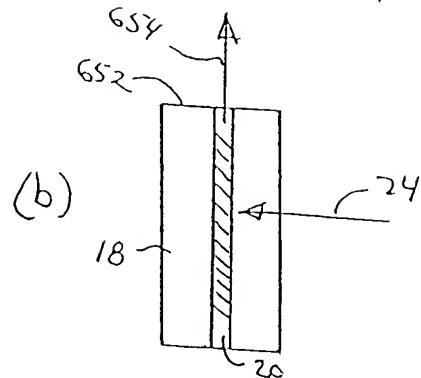
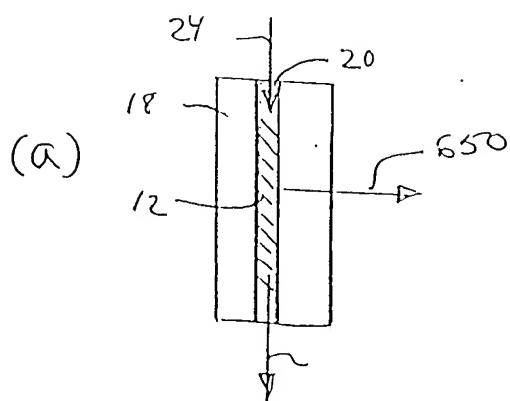


Fig. 40

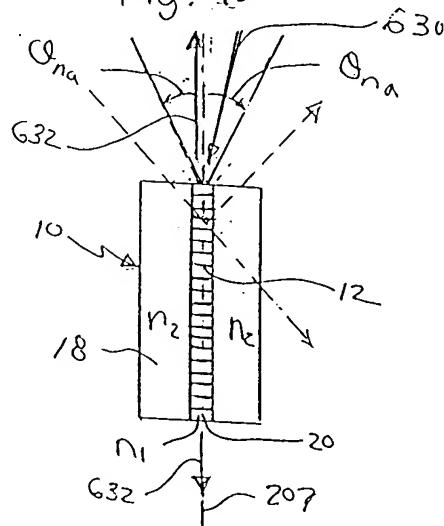
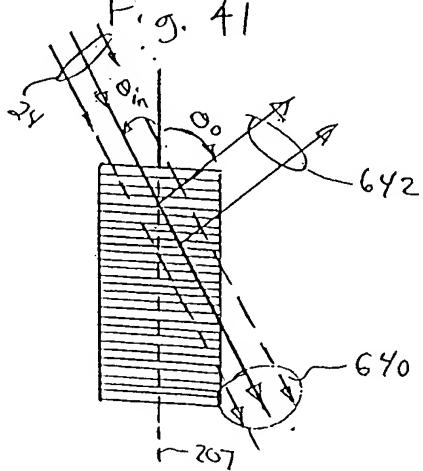
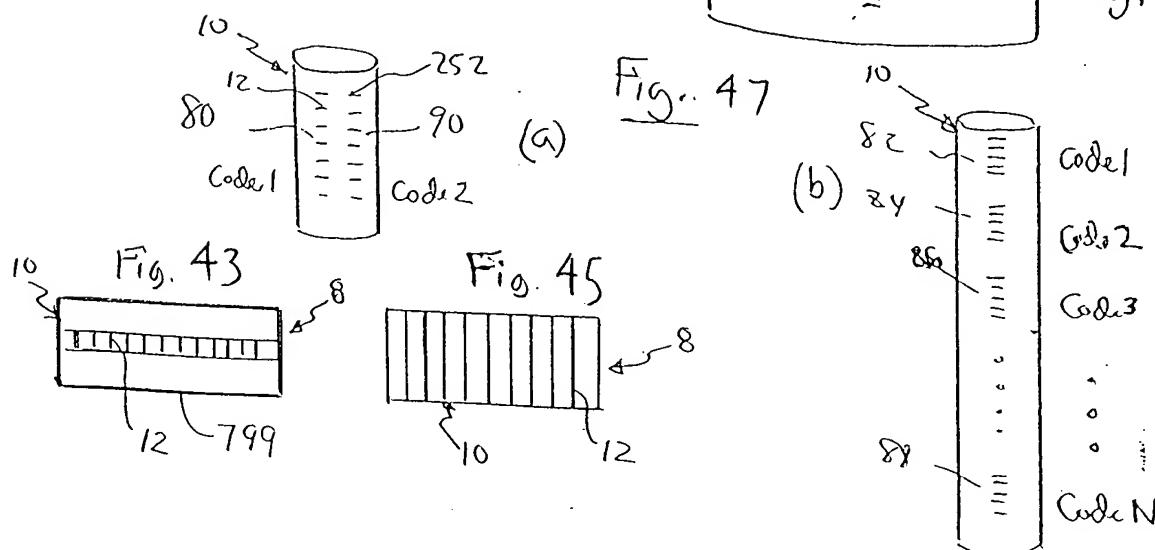
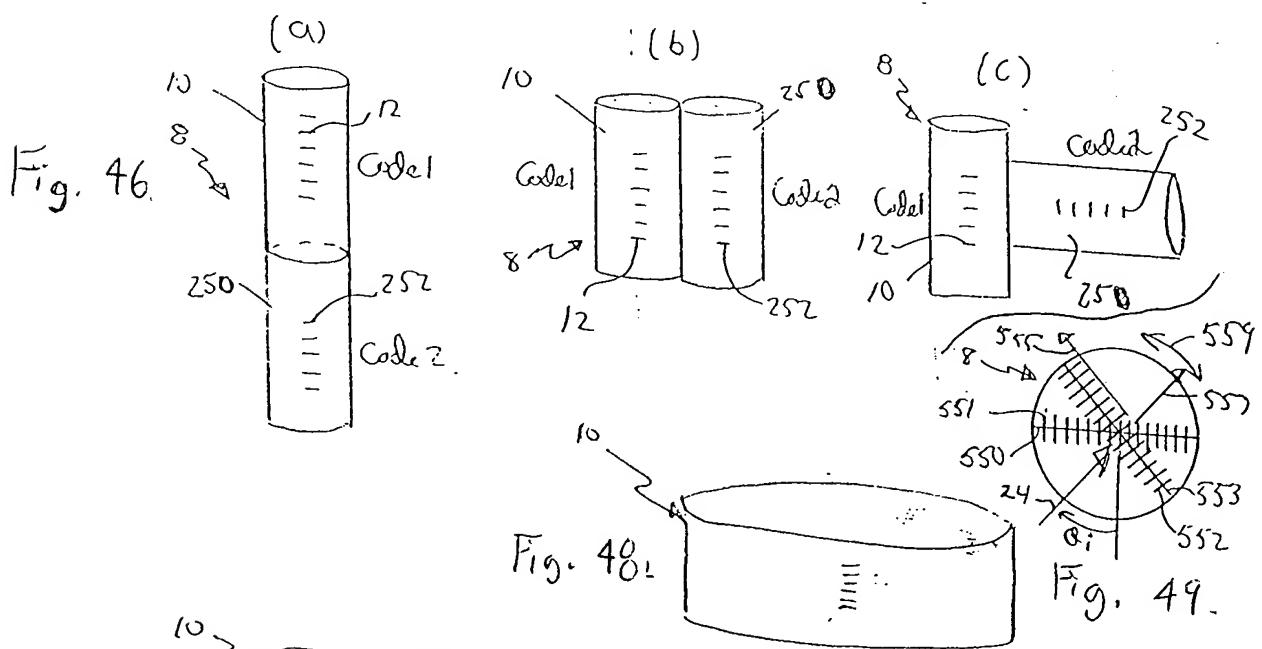
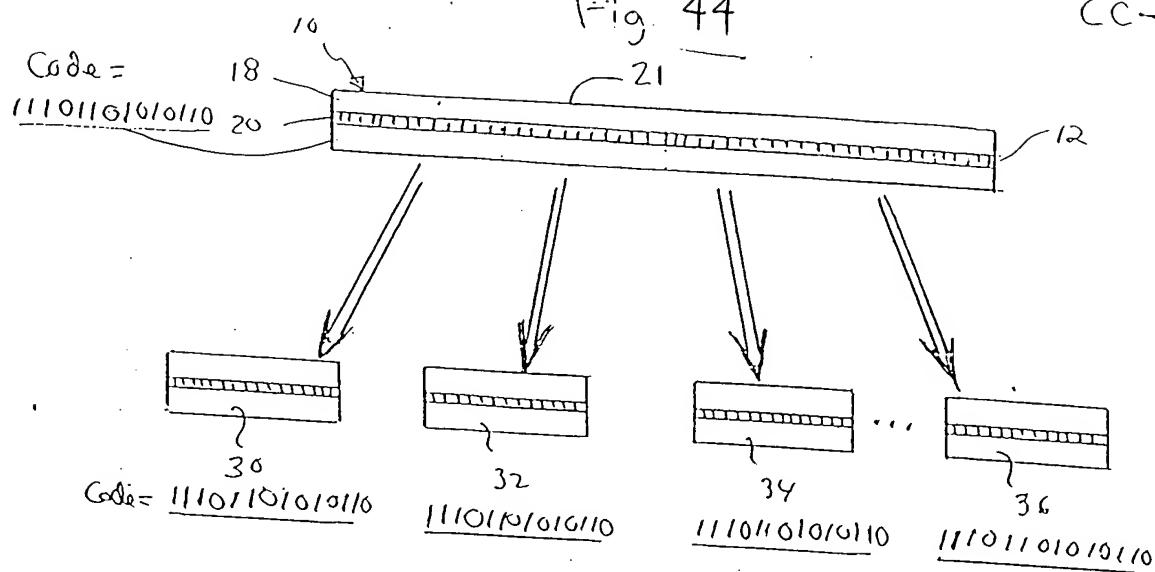


Fig. 41



CC-0651



CC-0651

Fig. 50

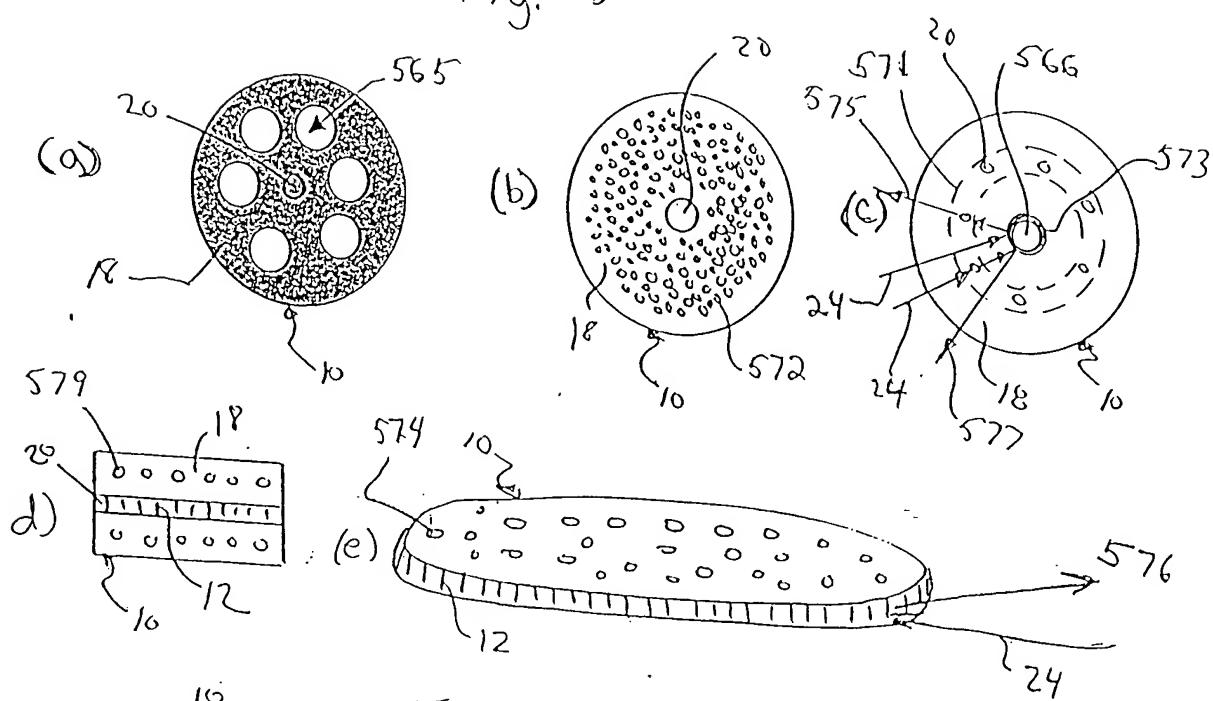


Fig. 51

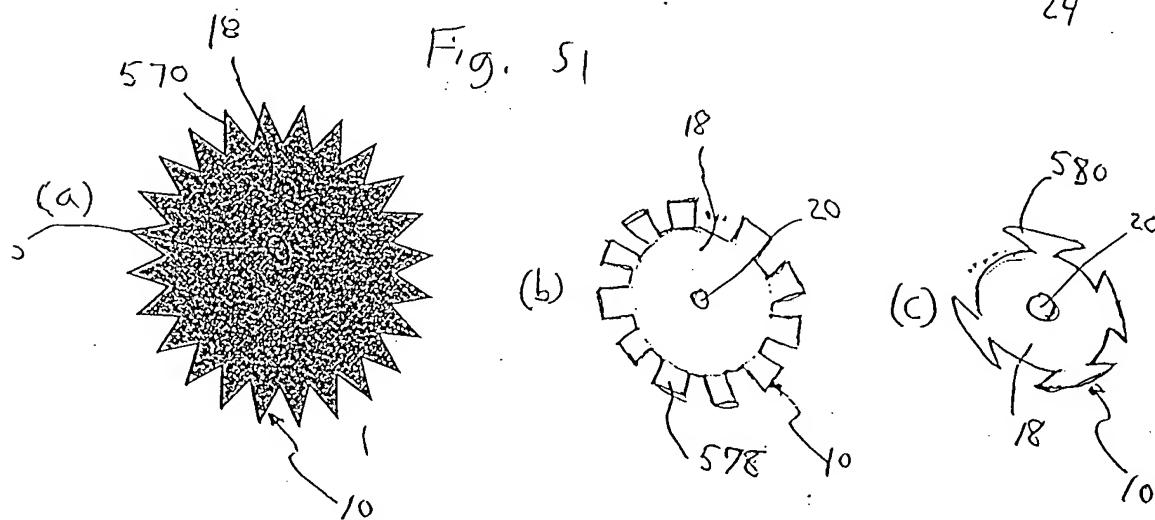
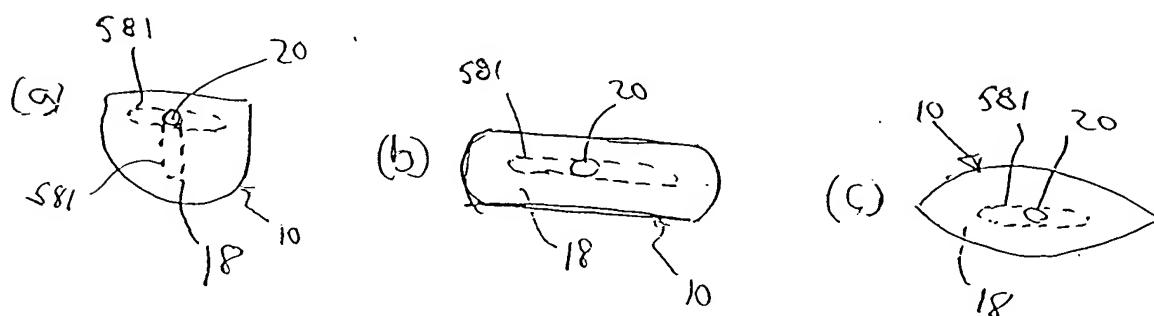


Fig. 52



CC-0651

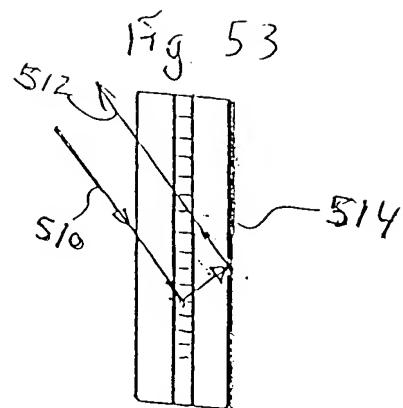


Fig. 54

